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The MHC class I linkage group is a major determinant in the *in vivo* rejection of allogeneic erythrocytes in rainbow trout (*Oncorhynchus mykiss*)

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Figure 4 was omitted and Fig. 2 was repeated in its place.
Figure 4 is reproduced here.

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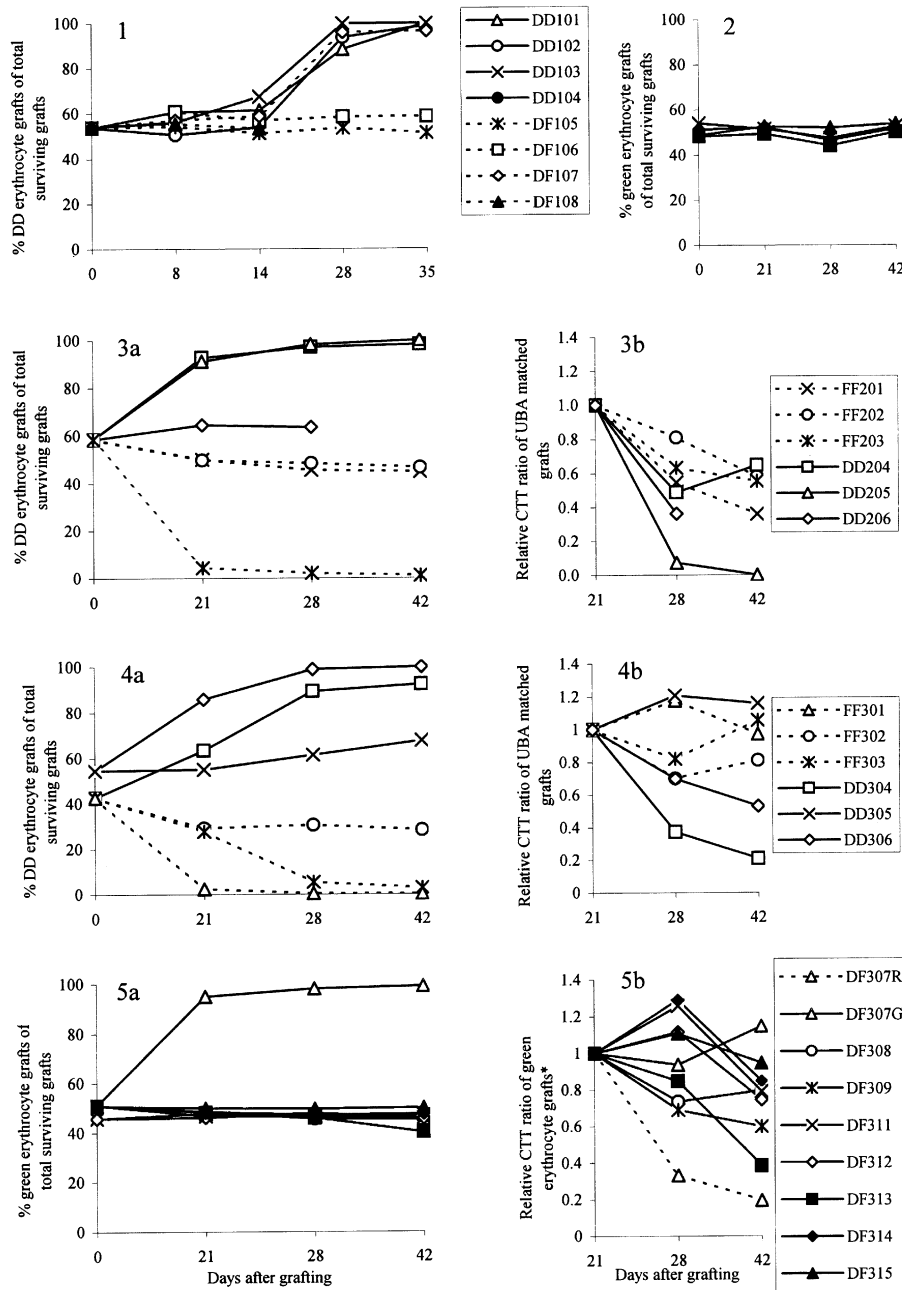


Fig. 4 Relative survival of erythrocyte grafts. Graph indicators with the names of the recipients are shown at the right of the figures. *X*-axes indicate the days after grafting. 1, 2 and the *a* graphs indicate the survival of the DD (1, 3a, 4a) or green (2, 5a) grafts as a percentage of the total surviving grafts (red plus green). The *b* graphs compare the survival of the MHC class I matched grafts (3b, 4b) or green grafts (5b) to the total erythrocytes in the host with the CTT (compared with total) ratio at day 21 arbitrarily assigned a value of 1. 1 MHC class I matched and mismatched erythrocyte allografts survived equally well until 14 days after injection. The injected graft mixture contained 54% DD and 46% FF grafts. The fish DD104 and DF108 died before the end of the experiment. 2 Similar survival of green compared to red autologous erythrocyte grafts. The different symbols indicate four different individuals. The injected graft mixtures contained 51%, 48%, 49% and 51% green erythrocytes respectively. 3, 4 MHC class I matching is important for the survival of erythrocyte grafts. In 3 the injected graft mixture contained 58% DD erythrocytes. In 4 the mixture grafted to the FF301, FF302, FF303 and the DD304 recipients

contained 43%, and that grafted to the DD305 and DD306 recipients contained 55% DD erythrocytes. 5 An experiment comparing the survival of autografts and DF allografts, or different DF allografts (see Table 1), in DF recipients; the three grafted mixtures (Table 1) contained 51% (DF307), 46% (DF310), and 51% (DF313) green erythrocytes respectively. For recipient DF307 the CTT ratio of the red erythrocyte graft is also indicated (DF307R). 3b, 4b, 5b Although the informative value is probably limited (as the injection efficiency may have differed), in order to be complete the absolute CTT values at day 21, indicated as the ratio of the totals of analyzed cells, are given here: 3b FF201:1286/1997424; FF202:3889/1992265; FF203:3323/1996524; DD204:2502/1997295; DD205:1677/1998140; DD206:7811/1987880; 4b FF301:2829/1997093; FF302:2878/1995940; FF303:2125/1997058; DD304, 862/1998640; DD305, 1292/2037131; DD306, 4437/1994821; 5b DF307R: 51/1998992; DF307G: 957/1998992; DF308:1655/1996584; DF309:1536/1996711; DF311:2106/1995580; DF312:1716/1996275; DF313:1828/1996208; DF314:2624/1994586; DF315:1876/1996239